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RECORD OF BIRDS BANDED

Bands: 6601-6611 45001-45005 45020 48120-48128 49001-49007 49379
28820 45007-45011 45617-45622 48161-48170 49010 55031

Mrs. Amelia S. Allen, at Berkeley, Calif. (date ?).

Hylocichla guttata (subsp.), (1) 49001. *Baeolophus i. inornatus*, (5) 45001-45005.
February 11 to March 29, 1919.

Chamaea f. fasciata, (3) 45007,-08,-20. *Pipilo c. crissalis*, (1) 49010.

Passerella i. (*annectens* ?), (1) 49002.

January 12 to June 23, 1920.

Carpodacus m. frontalis, (1) 45011. *Zonotrichia coronata*, (2) 49004,-05.

Chamaea f. fasciata, (1) 45010. *Zonotrichia l. nuttalli*, (2) 49006.-07.

Regulus c. (cineraceus ?), (1) 45009.

June 16 to October 31, 1921.

Troglodytes a. parkmani. (10) 48161- Colaptes c. collaris. (1) 55031.

Fregesiaes a. parkmanni, (10) 18161 Scaptes c. senaria, (1) 33031.

At Boulder Creek, Santa Cruz County, Calif., July 12, 1919

At Boulder Creek, Santa Cruz County, Calif., July 12, 1919.
Juncus c. pinosus, (1) 49003

Junco b. phosus, (I) 49003.
G. Bryant at Berkeley, Calif.

asible guttata (subsp.) (1) 48379. *Lunaria aragonica* (subsp.)

Hylocichla guttata (subsp.), (1)

E. Law, at Berkeley, Calif., October 28, 1921.
U.S. Serial No. 1,616,675.

Melospiza m. santaecrucis, (2) 6606,-07.

At Los Angeles, Calif., September

Zonotrichia m. cooperi, (2) 28820, 48121. *Zonotrichia l. gambeli*,

Zonotrichia l. (nuttalli ?), (2) 48120, 6608-6611, 48123-48128.

-22.

EDITORIAL NOTES AND NEWS

We wish to call especial attention to the "open letter to *Condor* contributors" which appears on the outside of the back cover of this issue. The Editors simply want the help of contributors in making an improved magazine. The *Condor* cannot grow in size very much, because of limited money resources, but it *can* be bettered in quality and scientific value, almost without limit. We invite vigorous coöperation in this regard; also constructive criticism from those of our readers who do not happen to be contributors of articles. Some very helpful suggestions have already come to us from such sources.

The reports of the Business Managers of the Cooper Ornithological Club, Messrs. Law and Chambers, for the year 1920 and for the half year to July 1, 1921, have been filed with the Board of Governors and with the Secretaries of the two Divisions. These reports go into great detail, so that every item of property, all sources of income, and all matters of expense may be learned with accuracy and ease. Space prevents reproducing any large portion of the figures here. Some selected ones, however, will doubtless prove of general interest. During 1920 total receipts (general fund) amounted to \$2168.29; total disbursements, \$2146.37. On

July 1, 1921, the Club's endowment fund contained \$3750, invested in government bonds. The statements indicate a healthy condition, with the burden of high war costs all but discounted without an increase in dues. In another year the war account promises to be wiped out.

A late book of unusual interest is "Early Annals of Ornithology" by J. H. Gurney (H. F. and G. Witherby, London, 1921, 240 pp., 36 ills.). It deals chiefly with British birds and consists of a collection of ancient references and accounts of birds from all sorts of sources, accompanied by critical comments and explanations. Among scores of interesting things we learn that, in the sixteenth century, herons were highly prized for the table, and also that a system of branding domestic swans was in common practice, which, although the beak was the portion of the bird marked, reminds us of the system of bird-banding in vogue today.

Recent articles in the *Condor* and elsewhere have dealt with the speed of flight in birds. It becomes clear that a great many extravagant figures in this regard have appeared in the older literature, and even modern books and articles in the sports and adventures class are full of wild statements.

Now, well attested, often accurately measured, observations are accumulating. A valuable summary of these is presented in a paper in the *Ibis* for April, 1921 (pp. 228-238), contributed by Colonel Richard Meinertzhagen, D. S. O., M. B. O. U. Much of the exact data was secured during the war when instruments of observation at anti-aircraft stations were employed and birds in flight used as objectives on which to practice. In conclusion, from all the data at hand, this author places the normal and migratory rates of flight, in miles per hour, of certain birds as follows: Corvidae, 31-45; smaller Passeres, 20-37; Starlings, 38-49; Falcons, 40-48; Geese, 42-55; Ducks, 44-59; tame Pigeons, 30-36; Waders, 34-51, but mostly 40-51. When pressed (aeroplane in pursuit), Golden Plover attained to 60 miles per hour; a Lammergeier (nose-diving) to 110 miles per hour.

MINUTES OF COOPER CLUB MEETINGS

NORTHERN DIVISION

SEPTEMBER.—The regular meeting of the Northern Division of the Cooper Ornithological Club was held at the Museum of Vertebrate Zoology, September 22 at 8 P. M. President Wright presided and those in attendance were: Mesdames Allen, Bamford, Burk, Flinn, Grinnell, Mead, and Schlesinger; Messrs. Bell, Cooper, Evermann, Grinnell, Hunt, Johnston, McLean, Palmer, Storer, Taylor and Wright; visitors: Mrs. Bogle, Mrs. Evermann, Mrs. Hunt and Mr. Stow.

August minutes for Northern and Southern Divisions were read, the former being approved. Names proposed were Mrs. Sara S. Bogle, Berkeley, by Tracy I. Storer, and Miss Clare E. Johnson, San Francisco, by Mrs. E. D. Roe. Among the reports from the members who had spent vacation time in the open were: Notes on the Olympic Mountains by Dr. Walter P. Taylor; observations in southern Oregon, by Mr. R. H. Palmer; in Alpine County, by Mr. Richard Hunt; in the Tahoe region, by Mr. Storer and Mrs. Mead; at Cisco, by Mrs. Schlesinger; on Tuolumne Meadows, by Miss Flinn; in the Coulterville region, by Mrs. Grinnell; and in the Chiricahua Mountains, Arizona, by Mr. Donald McLean. Adjourned.—AMELIA S. ALLEN, *Secretary*.

OCTOBER.—The regular meeting of the Northern Division of the Cooper Ornithological Club for October was held on the evening of the 27th at 8 P. M. at the Museum of Vertebrate Zoology. President Wright

was in the chair and the following members were in attendance: Mesdames Allen, Bamford, Bennet, Blake, Bogle, Burk, Flinn, G. T. Roe, Schlesinger and Wythe; Messrs. Carriger, Dixon, Evermann, Grinnell, Jos. Mailliard, McLean, Storer, Stow, Swarth, White, and Wright; visitors: Miss Davenport, Mrs. Evermann, Mrs. Storer, Mrs. Swarth, Mrs. White and Mr. Bunker. The minutes of the September meeting of the Northern Division were read and approved and the minutes of the meetings of the Southern Division in August and September were read. The following names were presented: Willard Fordyce Grinnell, Berkeley, by J. Eugene Law; Frederic C. Torrey, Berkeley, and Harry P. Stow, Alameda, by J. Grinnell; Dr. Robert Dill, Reno, Nevada, and Zola Zinn, Seattle, Washington, by R. H. Palmer.

The program for the evening was given by Mr. H. S. Swarth, who recounted many interesting ornithological experiences in British Columbia. Adjourned.—AMELIA S. ALLEN, *Secretary*.

NOVEMBER.—The November meeting of the Northern Division of the Cooper Ornithological Club was held on the 17th at the usual time and place. President Wright was in the chair, and the following members were present: Mesdames Allen, Boyle, Burk, Flinn, Grinnell, E. T. Mead, C. Meade, G. T. Roe, and Schlesinger; Messrs. Gignoux, J. Grinnell, W. F. Grinnell, Joseph Mailliard, McLean, Storer, Swarth, and Wright. Visitors: Mrs. Calder, Mrs. Evermann, Mrs. Fredericks, and Miss Sherman.

The minutes of the October meeting were read and approved, and the following names were presented for membership: Dr. G. Dallas Hanna, San Francisco, by Dr. Barton W. Evermann; Emily Dolores Lalogue, Alameda, by Margaret W. Wythe, and Paul Fredericks Bunker, Berkeley, by H. C. Bryant.

Mrs. Fredericks of the California Botanical Society brought to the notice of the Club the law, recently passed, relating to the gathering and sale of toyon berries. Mr. Storer revived the question of the possibility of securing the adoption by the Berkeley City Council of an ordinance relating to the licensing of cats. It was decided to review the situation at the next meeting. Business concluded, Mr. Joseph Mailliard told of his experiences with birds in Humboldt County during the fall migration. Adjourned.—AMELIA S. ALLEN, *Secretary*.